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Environment, Safety, Health, Quality, Safeguards, and Security Directorate
Environmental Protection and Compliance Division

Instruction Guideline

Management of New Mexico Special Waste

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REVISION HISTORY

Document Number and Revision <i>[Include revision number, beginning with Revision 0]</i>	Effective Date <i>[Document Control Coordinator inserts effective date]</i>	Description of Changes <i>[List specific changes made since the previous revision]</i>
ADESH-AP-TOOL-500 R0	02/22/2016	This document was formatted into a new template. This document supersedes the previous version, ADESH-TOOL-500, R2
ADESH-AP-TOOL-500 R1	03/19/2019	Updated group name and minor editorial changes to text.
IG-P409-0230 R0	04/12/2021	Reformatted into P409 R8 template. Information updated and streamlined, added the Requirements Summary Table, and assigned a new document number. This document supersedes ADESH-AP-TOOL-500 R1.

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DESCRIPTION

New Mexico “Special Waste” (NMSW) is a non-hazardous solid waste that has unique handling, transportation, and/or disposal requirements to assure protection of the environment and the public health, welfare, and safety. At Los Alamos National Laboratory (LANL), NMSW includes:

- treated formerly characteristic hazardous wastes (TFCH);
- regulated asbestos waste (can only be handled by asbestos trained personnel);
- ash;
- infectious waste;
- sludge;
- industrial solid waste that, unless specially handled or disposed, may harm the environment or endanger the public health or safety;
- spill of a chemical substance or commercial product that, unless specially handled or disposed, may harm the environment or endanger the public health or safety;
- unbound engineered nanoparticle (UNP) waste; and
- petroleum contaminated soils, that have a sum of benzene, toluene, ethylbenzene, and xylene isomer concentrations of greater than 50 mg/kg, or benzene individually greater than 10 mg/kg, or a total petroleum hydrocarbon concentration of greater than 100 mg/kg.

NOTE: If NMSW is contaminated with hazardous waste, radioactive material, or polychlorinated biphenyls (PCBs), it cannot be managed as NMSW. Contact your waste management coordinator (WMC) for assistance.

GENERAL REQUIREMENTS

Refer to the Table below. Consult with your WMC to ensure proper planning and management.

CHARACTERIZATION

NMSW must be characterized per FSD-P409-0300, *Waste Characterization and Compatibility*, and must be documented in a WCATS Waste Stream Profile (WSP) that is approved per FSD-P409-0400, *Waste Determination and Categorization*.

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REQUIREMENTS SUMMARY TABLE

Signs/Posting	<ul style="list-style-type: none"> • Use signage/posting per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Volume Limits	<ul style="list-style-type: none"> • Limit volume per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Site Controls	<ul style="list-style-type: none"> • Follow storage area site control requirements per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Location Requirements	<ul style="list-style-type: none"> • Follow storage area location requirements per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Time Constraints	<ul style="list-style-type: none"> • Follow storage area time constraints requirements per FSD-P409-0600, <i>Waste Accumulation and Storage</i>. • Disposal requests for NMSW must be submitted in WCATS at least 45 days before the waste exceeds the 90-day storage limit. <p>NOTE: If the 90 days will be exceeded please call EPC-WMP.</p>
Inspections	<ul style="list-style-type: none"> • Inspect per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Documentation	<ul style="list-style-type: none"> • Per FSD-P409-0300, <i>Waste Characterization and Compatibility</i>.
Containers	<ul style="list-style-type: none"> • Follow container requirements per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Container Labeling	<ul style="list-style-type: none"> • Follow container labeling requirements per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Storage	<ul style="list-style-type: none"> • Must be stored in a registered NMSW area. • Follow storage area requirements per FSD-P409-0600, <i>Waste Accumulation and Storage</i>.
Shipping	<ul style="list-style-type: none"> • Contact your WMC for assistance.
Training	<ul style="list-style-type: none"> • Refer to LANL Waste Management, P409, Section 6, for training requirements.